

<b>Jul 1</b>	<p><b>Megan O'Brien, PhD</b> Postdoctoral Fellow, Shirley Ryan AbilityLab, Chicago, IL. <i>Wearable sensors: Opportunities for measuring post-stroke rehabilitation outcomes.</i></p>
<b>Jul 8</b>	<p><b>Stephan Lange, PhD</b> Associate Professor, Dept. of Medicine, UC San Diego, La Jolla, CA. Visiting Researcher, Institute of Medicine, University of Gothenburg, Gothenburg, Sweden. <i>Emerging roles for Cullin3 in muscle biology and myopathy development.</i></p>
<b>Jul 15</b>	<p><b>Fionn MacPartlin, MSc</b> Senior Strength &amp; Conditioning Coach – BOA Intensive Rehabilitation Unit. English Institute of Sport, The High Performance Centre, Bisham Abbey National Sports Centre, Bisham, UK. <i>Manipulating lower limb muscle moment arms to optimize adaptation.</i></p>
<b>Jul 22</b>	<p><b>No seminar (Science of Ability Symposium)</b></p>
<b>Jul 29</b>	<p><b>Levi Hargrove, PhD</b> Director, Center for Bionic Medicine (CBM). Director, Neural Engineering for Prosthetics and Orthotics Lab, Shirley Ryan AbilityLab. Associate Professor, Dept. Physical Medicine &amp; Rehabilitation and Engineering, Northwestern University, Chicago, IL. <i>Pattern Recognition Based Control of Bionic Arms and Legs.</i></p>
<b>Aug 5</b>	<p><b>Mehdi M. Mirbagheri, PhD</b> Associate Professor, Dept. Medical Physics &amp; Biomedical Engineering, Tehran University of Medical Sciences, Iran. Adjunct Associate Professor, Dept. Physical Medicine &amp; Rehabilitation, Northwestern University, Chicago, IL. <i>Neurorehabilitation of children with cerebral palsy: Predicting the recovery patterns of neurophysiological factors contributing to gait and balance impairments</i></p>
<b>Aug 12</b>	<p><b>Martin Oudega, PhD</b> Professor, Dept. Physiology and Physical Therapy &amp; Human Movement Sciences, Northwestern University. Research Scientist, Shirley Ryan AbilityLab. Research Scientist, Hines VA Hospital, Chicago, IL. <i>Mesenchymal stromal cell-based strategies for spinal cord repair.</i></p>
<b>Aug 19</b>	<p><b>José Pons, PhD</b> Scientific Chair, Legs + Walking Lab, Shirley Ryan AbilityLab, Chicago, IL. <i>Technology-based neurorehabilitation and clinical assessment.</i></p>
<b>Aug 26</b>	<p><b>Mark D'Esposito, MD</b> Professor, Helen Wills Neuroscience Institute, University of California, Berkeley, CA. <i>The Modular Brain.</i></p>
<b>Sep 2</b>	<p><b>No seminar (Labor Day)</b></p>
<b>Sep 9</b>	<p><b>Monica Perez, PT, PhD</b> Scientific Chair, Arms + Hands Lab, Shirley Ryan AbilityLab, Chicago, IL. <i>Reorganization of the corticospinal tract after human spinal cord injury</i></p>
<b>Sep 16</b>	<p><b>Joanna Butchart, MPHTY, MPH</b> Stream Leader and Senior Physiotherapist, Victorian Paediatric Rehabilitation Service, Royal Children's Hospital, Melbourne, Australia. <i>Developing a socially assistive robot for paediatric rehabilitation .</i></p>